P⊘RTAL

(acm)

USPTO

Search: ⦿ The ACM Digital Library ○ The Guide

digital pen access control   **SEARCH**

Feedback Report a problem Satisfaction survey

Terms used <u>digital</u> <u>pen</u> <u>access</u> <u>control</u>   Found **117,263** of **198,310**

Sort results by | relevance ▼ |

🔖 Save results to a Binder

Try an Advanced Search
Try this search in The ACM Guide

Display results | expanded form ▼ |

❓ Search Tips

☐ Open results in a new window

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next

Best 200 shown   Relevance scale ☐ ▭ ▬ ◼ ◼

1 Integrating the virtual and the physical: PaperPoint: a paper-based presentation and interactive paper prototyping tool
Beat Signer, Moira C. Norrie
February 2007 **Proceedings of the 1st international conference on Tangible and embedded interaction TEI '07**
Publisher: ACM Press
Full text available: 📄 pdf(843.61 KB)   Additional Information: full citation, abstract, references, index terms

Recent developments in digital pen and paper solutions enable, not only the digital capture of handwriting, but also paper to be used as an interactive medium that links to digital information and services. We present a tool that builds on technologies for interactive paper to enable PowerPoint presentations to be controlled from printed slide handouts. Furthermore, slides can be easily annotated during presentations by simply drawing on the printed version of the slide. As well as discussing th ...

Keywords: paper user interface, pen-based input, presentation tool, rapid prototyping

2 SIGHT, a satellite interactive graphic terminal
W S Barlett, K J Busch, M L Flynn, R L Salmon
January 1968 **Proceedings of the 1968 23rd ACM national conference**
Publisher: ACM Press
Full text available: 📄 pdf(1.20 MB)   Additional Information: full citation, abstract, references, citings, index terms

A software system for a Satellite Interactive GrapHic Terminal called SIGHT has been developed by the Computing Sciences Department of Bell Telephone Laboratories for interaction with the General Electric 635 computer. The SIGHT hardware consists of a standard off-the-shelf PDP-7 computer, DEC 340 display, and peripheral equipment manufactured by the Digital Equipment Corporation (DEC). The general-purpose software system for SIGHT, designed and programmed at Bell Laboratories, builds upon ...

3 Access control policy implementation: Towards a credential-based implementation of compound access control policies
Joachim Biskup, Sandra Wortmann
June 2004 **Proceedings of the ninth ACM symposium on Access control models and technologies SACMAT '04**
Publisher: ACM Press
Full text available: 📄 pdf(267.35 KB)   Additional Information: full citation, abstract, references, index terms

We describe a layered approach to access control for distributed and interoperable computing systems. Firstly, compound access control policies are conceptually specified, using the policy algebra proposed by Bonatti, Capitani di Vimercati and Samarati. Secondly, SPKI/SDSI is exploited to implement and to enforce a policy specification by means of credentials. Therefore, SPKI/SDSI is slightly extended, in particular in order to allow algebra expressions over local names as subjects in authorisat ...

Keywords: access control, certificate chain discovery, credential, policy algebra, public

P⊙RTAL

USPTO

Search: ⊙ The ACM Digital Library   ○ The Guide

digital pen authentication

SEARCH

Feedback Report a problem Satisfaction
survey

Terms used <u>digital</u> <u>pen</u> <u>access</u>   Found 80,694 of 198,310

Sort
results
by   relevance   ▼

Display
results   expanded form   ▼

📗 Save results to a Binder

❓ Search Tips

☐ Open results in a new
window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200
Best 200 shown

Result page: **1** 2 3 4 5 6 7 8 9 10   next

Relevance scale ☐ ▭ ▬ ■ ■

1   Information handling: ButterflyNet: a mobile capture and access system for field
biology research
Ron Yeh, Chunyuan Liao, Scott Klemmer, François Guimbretière, Brian Lee, Boyko Kakaradov,
Jeannie Stamberger, Andreas Paepcke

April 2006   **Proceedings of the SIGCHI conference on Human Factors in computing
systems CHI '06**

Publisher: ACM Press

Full text available: 📄 pdf(4.98 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Through a study of field biology practices, we observed that biology fieldwork generates a
wealth of heterogeneous information, requiring substantial labor to coordinate and distill.
To manage this data, biologists leverage a diverse set of tools, organizing their effort in
paper notebooks. These observations motivated ButterflyNet, a mobile capture and access
system that integrates paper notes with digital photographs captured during field
research. Through ButterflyNet, the activity of leafing ...

Keywords: augmented paper notebook, mobile capture and access

2   Pen computing: a technology overview and a vision
André Meyer

July 1995   **ACM SIGCHI Bulletin**, Volume 27 Issue 3

Publisher: ACM Press

Full text available: 📄 pdf(5.14 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>citings</u>, <u>index terms</u>

This work gives an overview of a new technology that is attracting growing interest in
public as well as in the computer industry itself. The visible difference from other
technologies is in the use of a pen or pencil as the primary means of interaction between a
user and a machine, picking up the familiar pen and paper interface metaphor. From this
follows a set of consequences that will be analyzed and put into context with other
emerging technologies and visions.Starting with a short historic ...

3   A confederation of tools for capturing and accessing collaborative activity
Scott Minneman, Steve Harrison, Bill Janssen, Gordon Kurtenbach, Thomas Moran, Ian Smith,
Bill van Melle

January 1995 **Proceedings of the third ACM international conference on Multimedia
MULTIMEDIA '95**

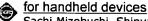**Publisher:** ACM Press

Full text available: 🖼 htm(73.96 KB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Keywords: CSCW, activity capture, content-and content-based indexing and retrieval,
digital audio and video, distributed multimedia systems, real-time indexing, usability, user
interfaces

P⊙RTAL
USPTO

Search: ⦿ The ACM Digital Library   ○ The Guide

digital pen authentication   **SEARCH**

Feedback Report a problem Satisfaction survey

Terms used <u>digital</u> <u>pen</u> <u>authentication</u>   Found **12,681** of **198,310**

Sort results by   relevance ▽   ● <u>Save results to a Binder</u>

Try an <u>Advanced Search</u>
Try this search in <u>The ACM Guide</u>

? <u>Search Tips</u>

Display results   expanded form ▽   ☐ Open results in a new window

Results 1 - 20 of 200   Result page: **1** <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u>   <u>next</u>
Best 200 shown   Relevance scale ☐ ▭ ▬ ◼ ■

1 <u>Signing tax returns with a digital pen</u>   ■
Benjamin Wright
October 1996 **ACM SIGSAC Review**, Volume 14 Issue 4
Publisher: ACM Press
Full text available: 📄 <u>pdf(124.98 KB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>index terms</u>

Until now, when a taxpayer files a tax return with the Internal Revenue Service electronically, it has been required that she sign a separate paper form, form 8453, as an authentication of the return. The paper 8453 form, which summarizes key parts of the tax return, then must be mailed to the IRS. The reason for the paper is that there was no electronic authentication device as effective and convenient for taxpayers as the ink signature.

2 <u>Standardizing information technology security</u>   ■
Warwick Ford
June 1994 **StandardView**, Volume 2 Issue 2
Publisher: ACM Press
Full text available: 📄 <u>pdf(1.12 MB)</u>   Additional Information: <u>full citation</u>, <u>references</u>, <u>index terms</u>

3 <u>Modern trends in authentication</u>   ■
David L. Lipton, Harry K. T. Wong
September 1985 **ACM SIGSAC Review**, Volume 3 Issue 2-4
Publisher: ACM Press
Full text available: 📄 <u>pdf(517.65 KB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>

Authentication is the process of verifying a person's claim of identity. The designers of secure computer systems have incorporated many techniques of user-validation from law enforcement, from industrial security, and from the financial community. Several methods have also been developed explicitly for use in computer systems. This paper will present an overview of all methods of authentication currently used in computer security. Implementation considerations will also be discussed.

4 <u>Digital signatures: can they be accepted as legal signatures in EDI?</u>   ■
Patrick W. Brown
December 1993 **Proceedings of the 1st ACM conference on Computer and communications security CCS '93**
Publisher: ACM Press
Full text available: 📄 <u>pdf(809.34 KB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Digital Signature (DS) technology may be employed to produce legally enforceable signatures in Electronic Data Interchange (EDI) among computer users within the same general guidelines and requirements as those developed for handwritten signatures on paper. Digital signature technology promises assurance at least equal to written signatures. From a legal standpoint, this assurance remains to be tested in the evidentiary process. Business policies for organizational use of this technology ar ...

Keywords: EDI, cryptography, digital signatures, distributed systems, law

5 Oral II: New pen device for biometrical 3D pressure analysis of handwritten characters, words and signatures
Christian Hook, Juergen Kempf, Georg Scharfenberg
November 2003 **Proceedings of the 2003 ACM SIGMM workshop on Biometrics methods and applications WBMA '03**
Publisher: ACM Press
Full text available: pdf(593.61 KB)   Additional Information: full citation, abstract, references, index terms

The demand for biometric applications in security, human computer interaction and related areas is rapidly increasing. This paper presents an unique biometrical smart pen BiSP for personal identification and handwriting recognition that has been developed in our laboratory. The system is superior to many other biometric techniques which have considerable disadvantages in practice. Several ballpoint like prototypes based on integrated sensors have been designed and constructed. In this report we ...

Keywords: acoustic handwriting recognition, biometric identification, microphone pen, multimodal biometrics, pen-pressure analysis, signature verification

6 Enhancing workflows by web technology
Wolfgang Gräther, Wolfgang Prinz, Sabine Kolvenbach
November 1997 **Proceedings of the international ACM SIGGROUP conference on Supporting group work: the integration challenge GROUP '97**
Publisher: ACM Press
Full text available: pdf(1.34 MB)   Additional Information: full citation, references, citings, index terms

Keywords: HTML, Internet, electronic circulation folder, workflow

7 Late breaking results: short papers: Making an impression: force-controlled pen input for handheld devices
Sachi Mizobuchi, Shinya Terasaki, Turo Keski-Jaskari, Jari Nousiainen, Matti Ryynanen, Miika Silfverberg
April 2005 **CHI '05 extended abstracts on Human factors in computing systems CHI '05**
Publisher: ACM Press
Full text available: pdf(283.80 KB)   Additional Information: full citation, abstract, references, index terms

The properties of force-based input on a handheld device were examined. Twenty-one participants used force input to set 10 different target levels representing consecutive force ranges (0 to 4N) with visual feedback (digits or bar graphs) or no feedback. Both accuracy and speed were greater with analog feedback (bar graph). Statistical comparisons of adjacent targets/digits indicated that subjects differentiated roughly seven input levels within the set of ten force ranges actually used. Time ta ...

Keywords: force sensitive touch screen, handheld device, pen user interface

8 Viewpoint: signing your 011001010
Boaz Gelbord
December 2000 **Communications of the ACM**, Volume 43 Issue 12
Publisher: ACM Press
Full text available: pdf(85.66 KB)   Additional Information: full citation, index terms
html(9.83 KB)

9 Research papers: distributed applications: The feasibility of using the world wide web to authenticate higher education qualifications issued by universities and technikons
Susanne Taylor, Johan Vorster, Ruurd Van Der Wal
September 2002 **Proceedings of the 2002 annual research conference of the South**